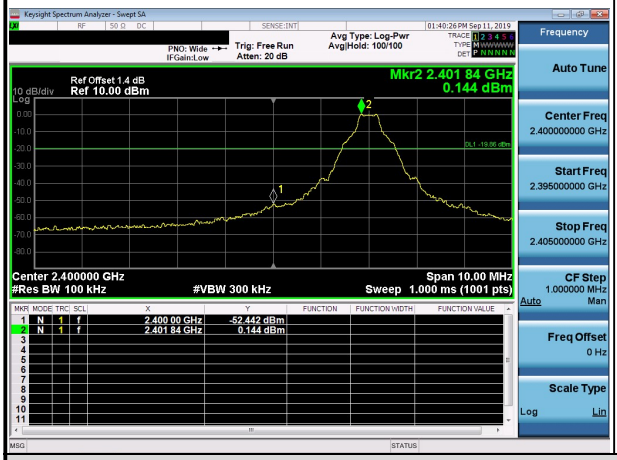
2.7.4 Test Result

1 Mbps-DH5

2402 MHz

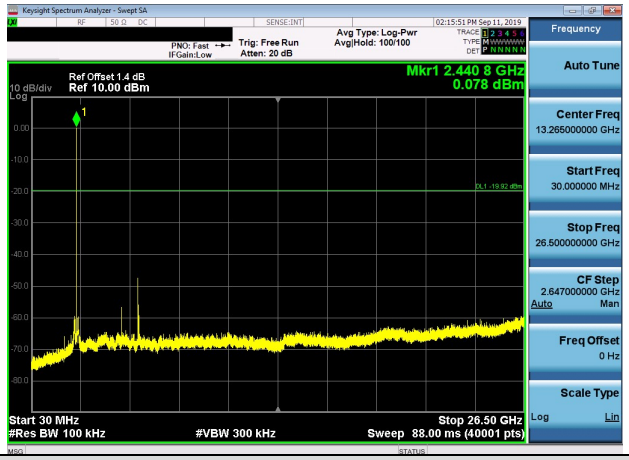
Band Edge



Spurious Emission

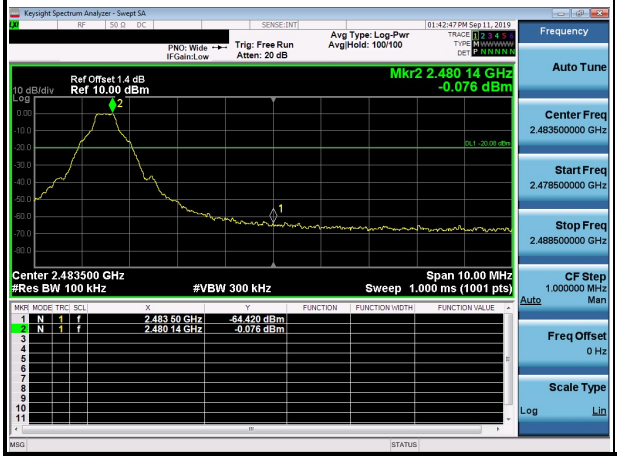
2441 MHz

Spurious Emission

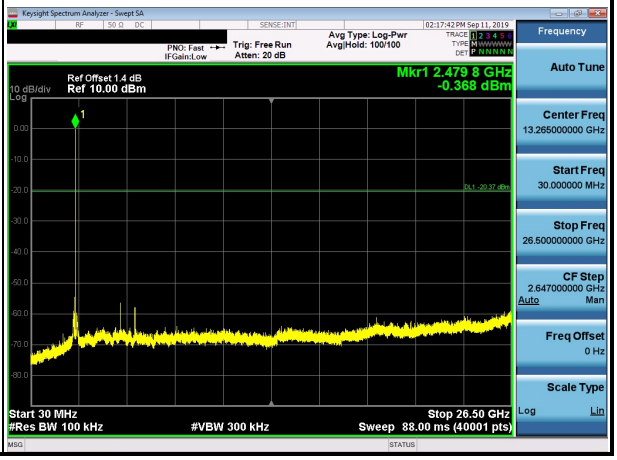


2480 MHz

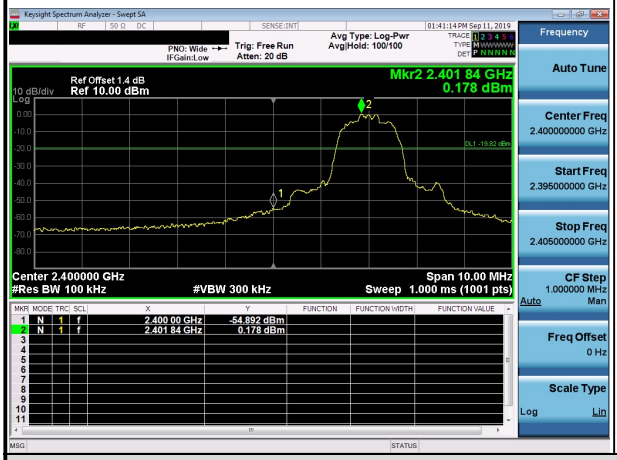
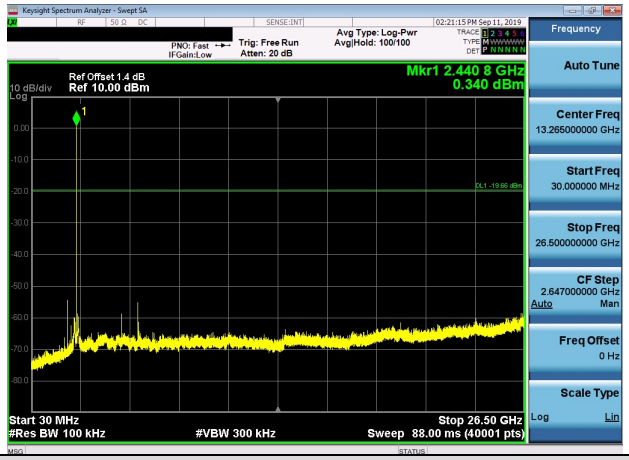
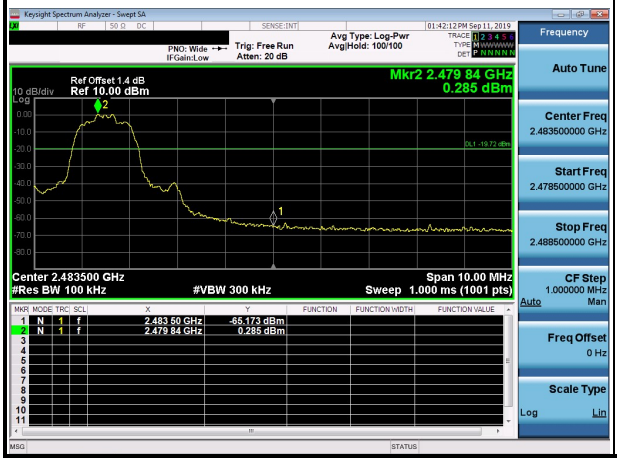
Band Edge



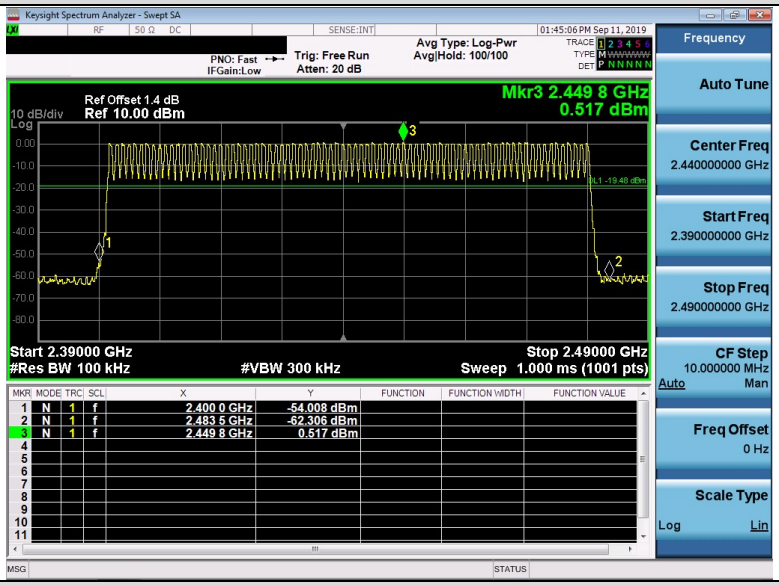
Spurious Emission



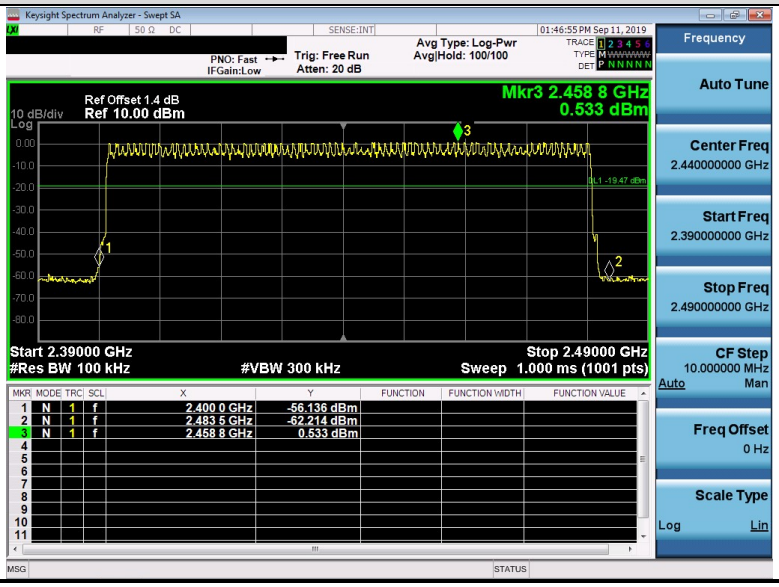
3 Mbps-DH5

2402 MHz	
Band Edge	**Spurious Emission**
	
2441 MHz	
Spurious Emission	
	
2480 MHz	
Band Edge	**Spurious Emission**
	

1 Mbps-DH5 Hopping Band Edge



3 Mbps-DH5 Hopping Band Edge



2.8 Radiated Band Edges and Spurious Emission Measurement

2.8.1 Limit

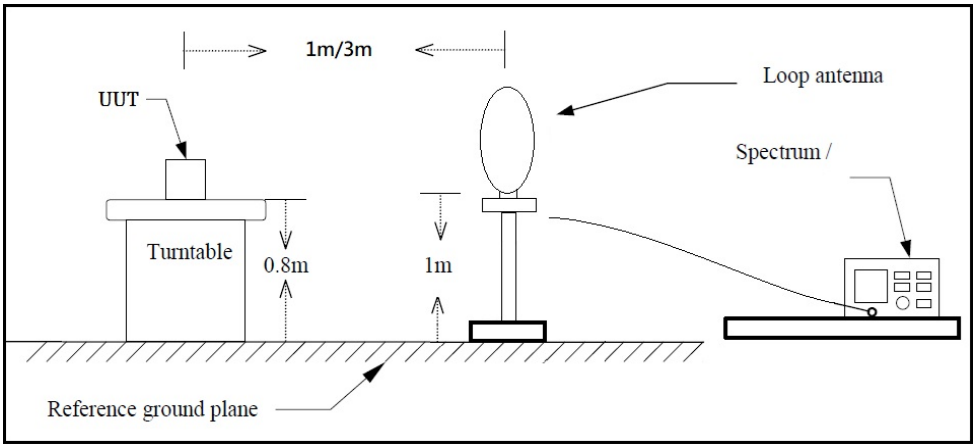
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Remarks:

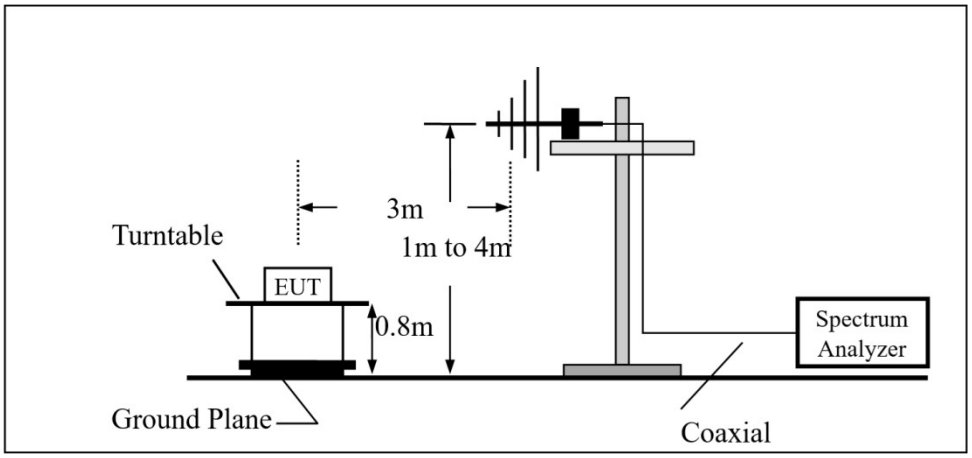
1. RF Voltage (dBuV) = 20 log RF Voltage(uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system

2.8.2 Test Setup

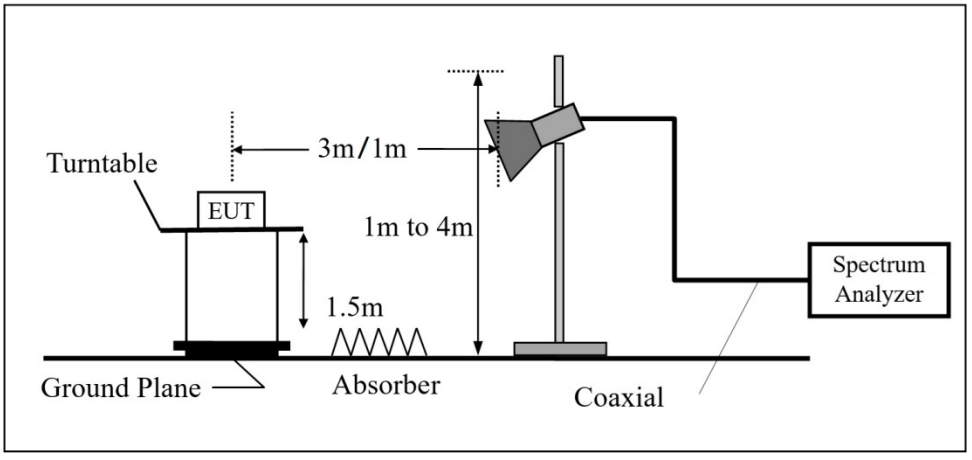
Below 30MHz



30MHz~1GHz



Above 1GHz



2.8.3 Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

For Radiated emission below 30MHz

(1) The EUT was placed on the top of a rotating table 0.8 meters above the ground in a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.

(2) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

(3) Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.

(4) For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

(5) The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

For Radiated emission Above 30MHz

(1) The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for the test. The table was rotated 360 degrees to determine the position of the highest radiation.

(2) The EUT was set 3 meters away from the interference-receiving antenna, the height of the antenna is varied from 1 meter to 4 meters above the ground to determine the maximum value of the field strength.

(3) Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.

(4) For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

(5) The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

(6) The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets the average limit, measurement with the average detector is unnecessary.

2.8.4 Duty Cycle

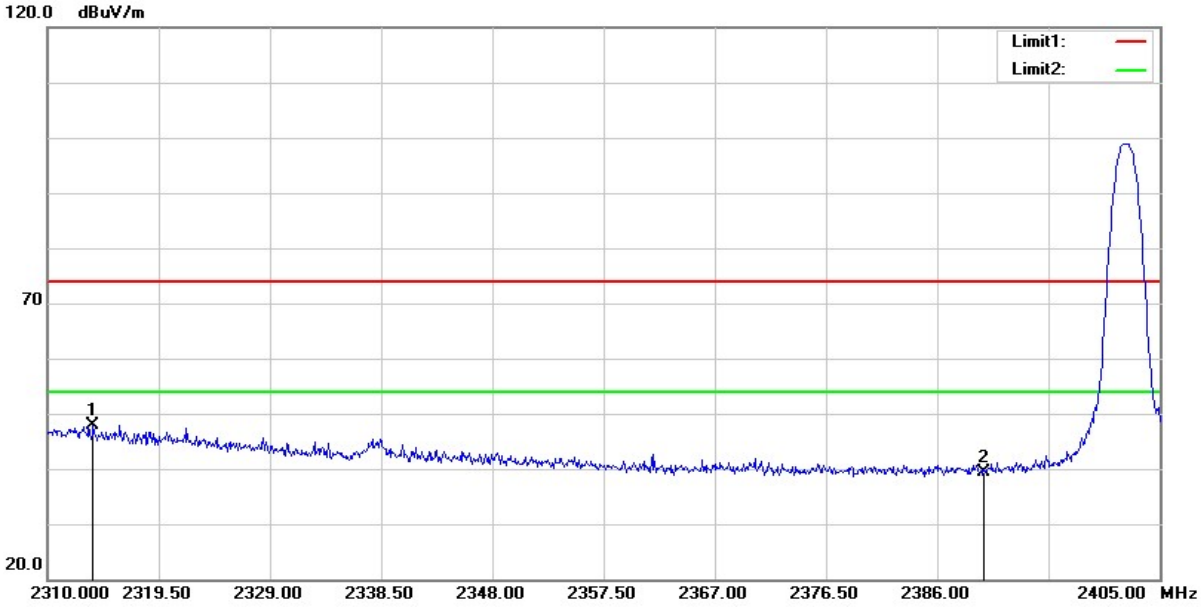
Mode	Data Rate (Mbps)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
BT	1	2.950	3.750	0.787	1.042	0.339
	3	2.942	3.742	0.786	1.045	0.340

2.8.5 Test Result of Radiated Band Edge Measurement

The following tables for radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X axis) were recorded in this report.

Test Frequency	
RF	BT 1 Mbps / 3 Mbps
Tx	CH00 (2402 MHz) CH78 (2480 MHz)

Test Mode :	Transmit BT-BR(1Mbps)	Test Date :	2019/09/10
Test Channel	CH00 (2402 MHz)	Temperature :	25 ℃
Polarization :	Horizontal	Relative Humidity :	65 %

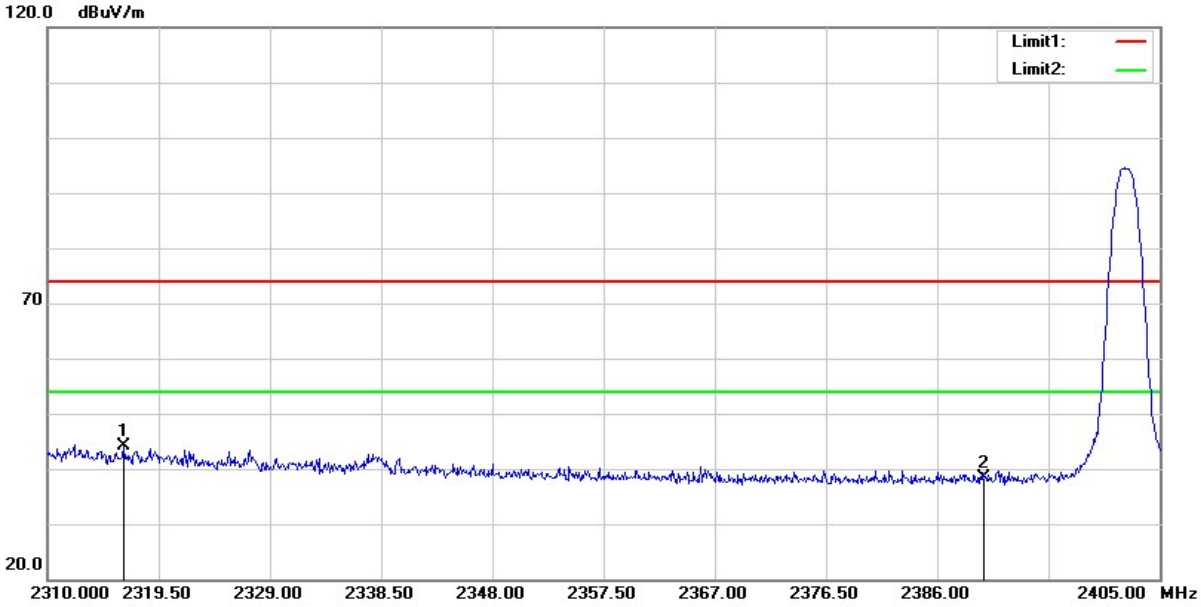


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2313.895	52.66	-4.66	48.00	74.00	-26.00	peak
2	2390.000	44.01	-4.71	39.30	74.00	-34.70	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-BR(1Mbps)	Test Date :	2019/09/10
Test Channel	CH00 (2402 MHz)	Temperature :	25 ℃
Polarization :	Vertical	Relative Humidity :	65 %

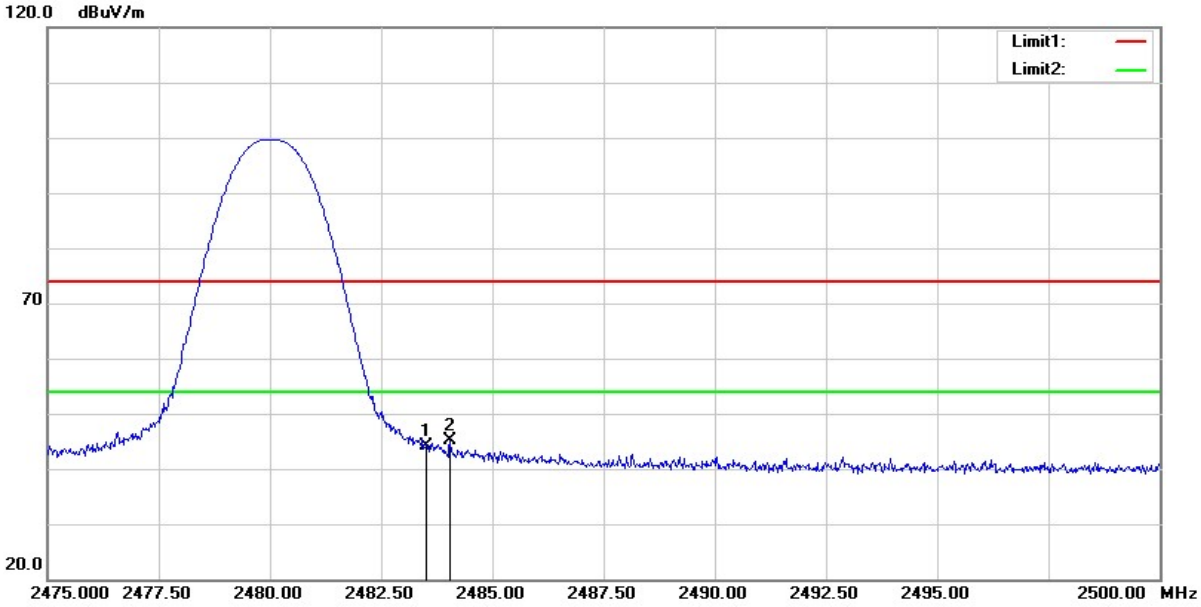


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2316.460	48.69	-4.64	44.05	74.00	-29.95	peak
2	2390.000	43.02	-4.71	38.31	74.00	-35.69	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-BR(1Mbps)	Test Date :	2019/09/10
Test Channel	CH78 (2480 MHz)	Temperature :	25 ℃
Polarization :	Horizontal	Relative Humidity :	65 %

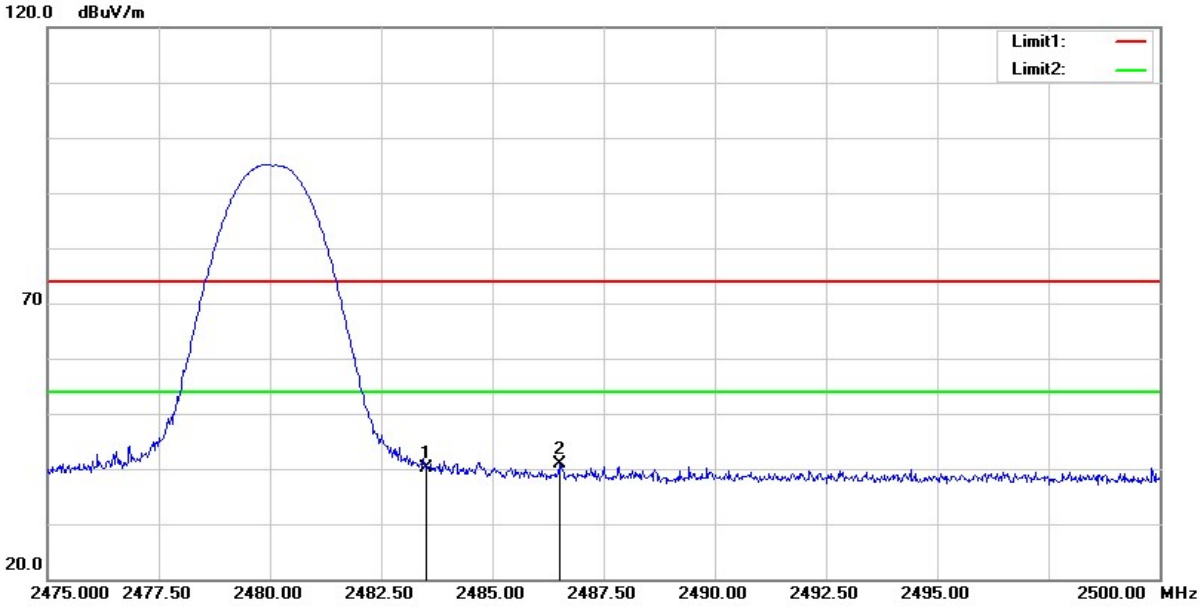


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	48.63	-4.62	44.01	74.00	-29.99	peak
2	2484.050	49.66	-4.61	45.05	74.00	-28.95	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-BR(1Mbps)	Test Date :	2019/09/10
Test Channel	CH78 (2480 MHz)	Temperature :	25 ℃
Polarization :	Vertical	Relative Humidity :	65 %

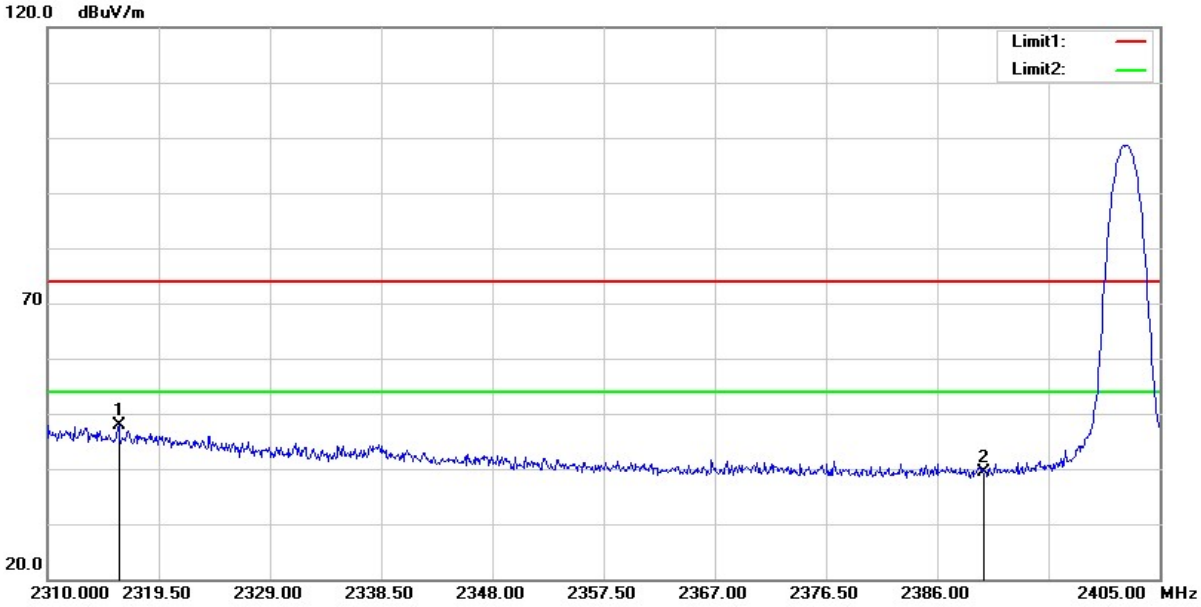


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	44.79	-4.62	40.17	74.00	-33.83	peak
2	2486.500	45.52	-4.61	40.91	74.00	-33.09	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-EDR(3Mbps)	Test Date :	2019/09/10
Test Channel	CH00 (2402 MHz)	Temperature :	25 ℃
Polarization :	Horizontal	Relative Humidity :	65 %

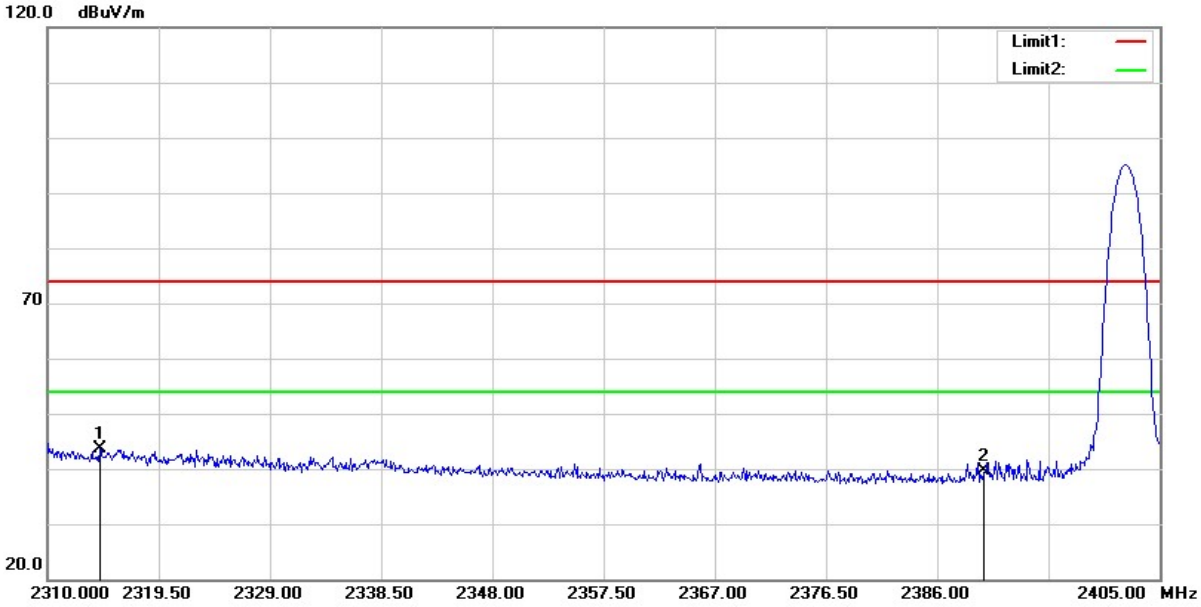


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2316.080	52.57	-4.64	47.93	74.00	-26.07	peak
2	2390.000	44.18	-4.71	39.47	74.00	-34.53	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-EDR(3Mbps)	Test Date :	2019/09/10
Test Channel	CH00 (2402 MHz)	Temperature :	25 ℃
Polarization :	Vertical	Relative Humidity :	65 %

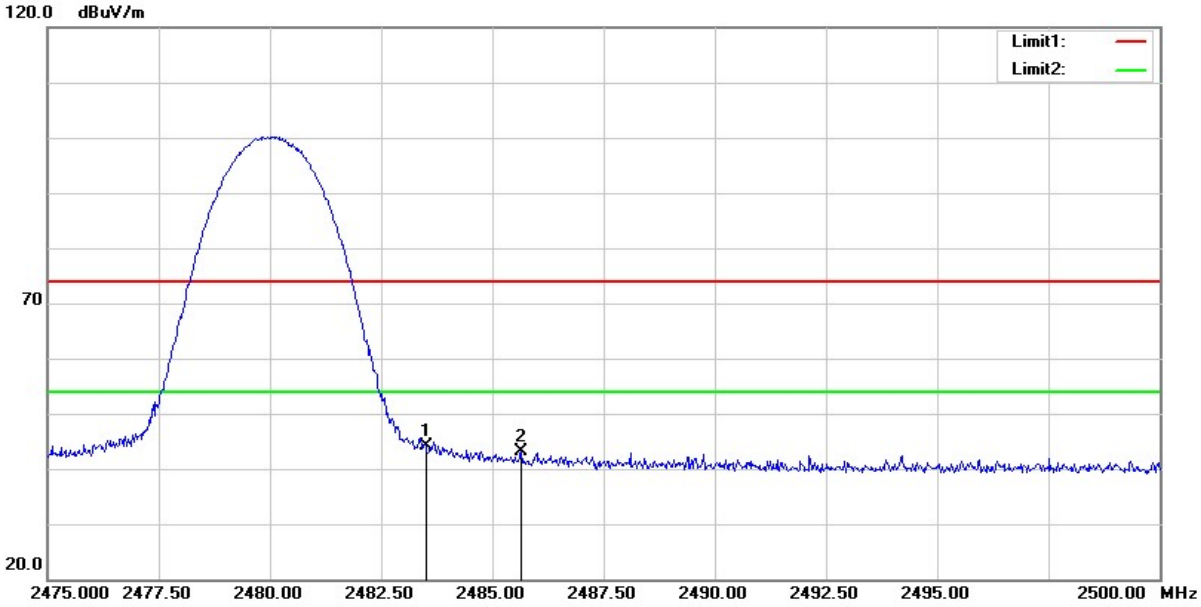


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2314.465	48.30	-4.66	43.64	74.00	-30.36	peak
2	2390.000	44.42	-4.71	39.71	74.00	-34.29	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-EDR(3Mbps)	Test Date :	2019/09/10
Test Channel	CH78 (2480 MHz)	Temperature :	25 ℃
Polarization :	Horizontal	Relative Humidity :	65 %

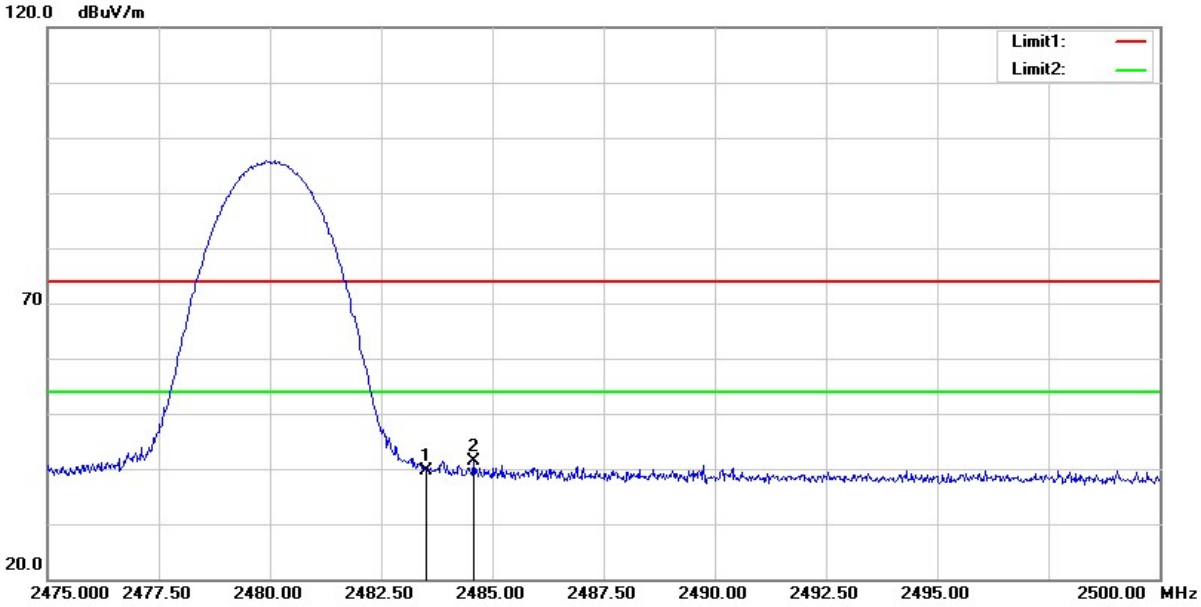


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	48.86	-4.62	44.24	74.00	-29.76	peak
2	2485.650	47.68	-4.61	43.07	74.00	-30.93	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-EDR(3Mbps)	Test Date :	2019/09/10
Test Channel	CH78 (2480 MHz)	Temperature :	25 ℃
Polarization :	Vertical	Relative Humidity :	65 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	44.31	-4.62	39.69	74.00	-34.31	peak
2	2484.575	45.95	-4.61	41.34	74.00	-32.66	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

2.8.6 Test Result of Radiated Spurious Emission Measurement

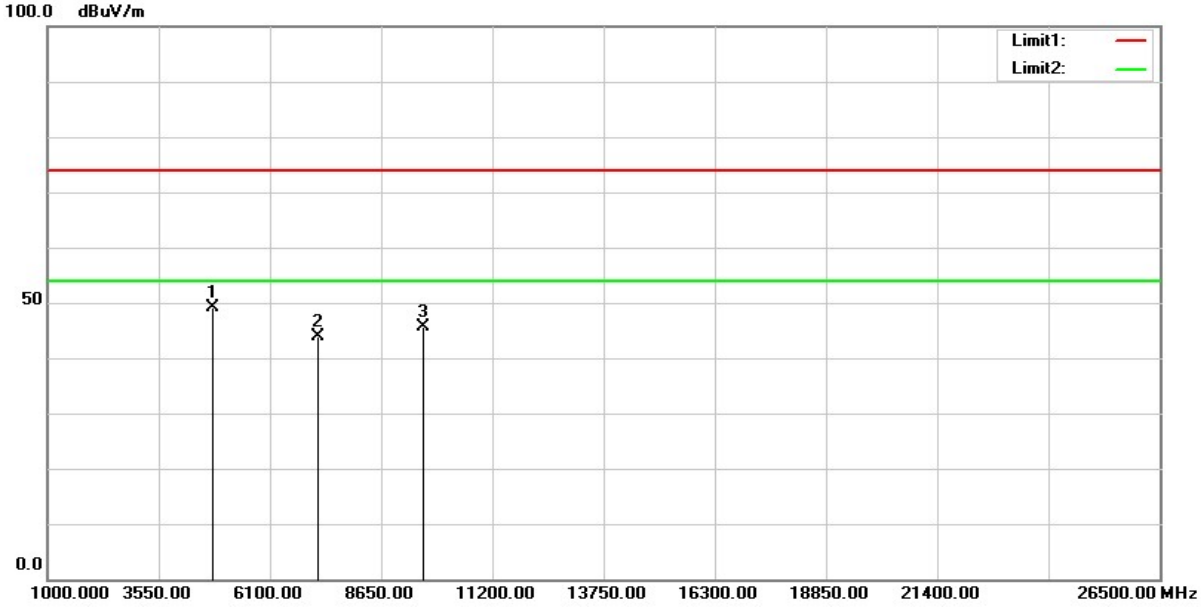
(1) The radiation measurement frequency is 9kHz ~ 30MHz. The interference value of this frequency range is less than the limit value of 20 dB. It is considered that the background noise value is not recorded.

(2) The following table shows the radiation measurement frequency from 30MHz to 26.5GHz, pre-scanning in the X, Y and Z axes. The worst case (X-axis) is documented in this report.

Test Frequency	
RF	**BT 1 Mbps / 3 Mbps**
Tx	CH00 (2402 MHz) CH39 (2441 MHz) CH78 (2480 MHz)

Above 1GHz Data

Test Mode :	Transmit BT-BR(1Mbps)	Test Date :	2019/09/10
Test Channel	CH00 (2402 MHz)	Temperature :	25 ℃
Polarization :	Horizontal	Relative Humidity :	65 %

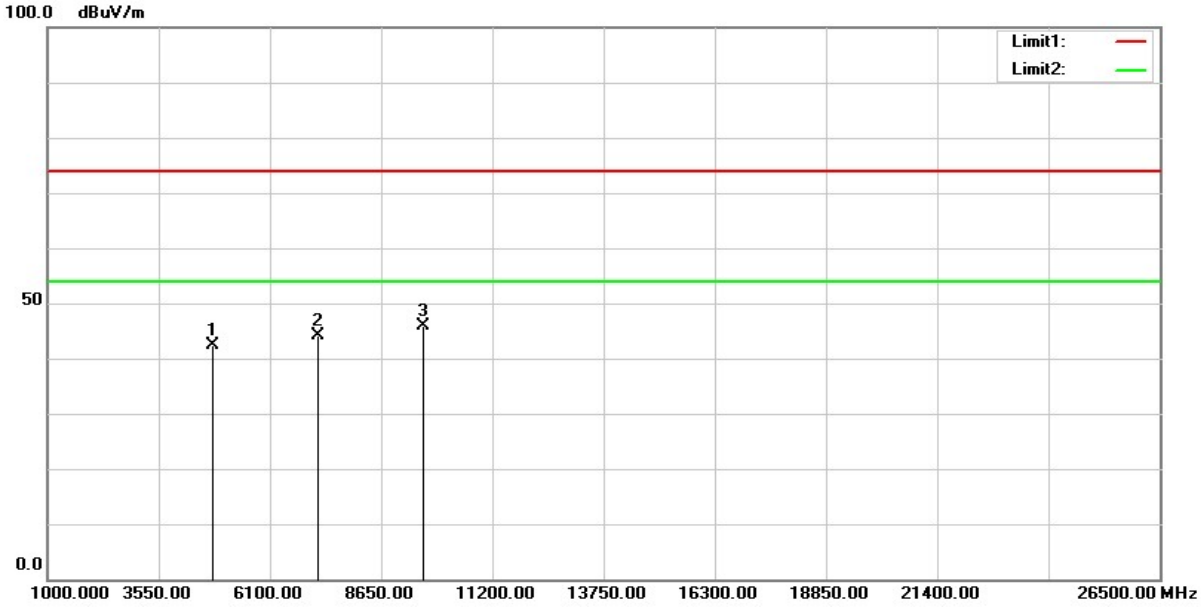


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	58.91	-9.82	49.09	74.00	-24.91	peak
2	7206.000	47.66	-3.68	43.98	74.00	-30.02	peak
3	9608.000	45.60	-0.09	45.51	74.00	-28.49	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-BR(1Mbps)	Test Date :	2019/09/10
Test Channel	CH00 (2402 MHz)	Temperature :	25 ℃
Polarization :	Vertical	Relative Humidity :	65 %

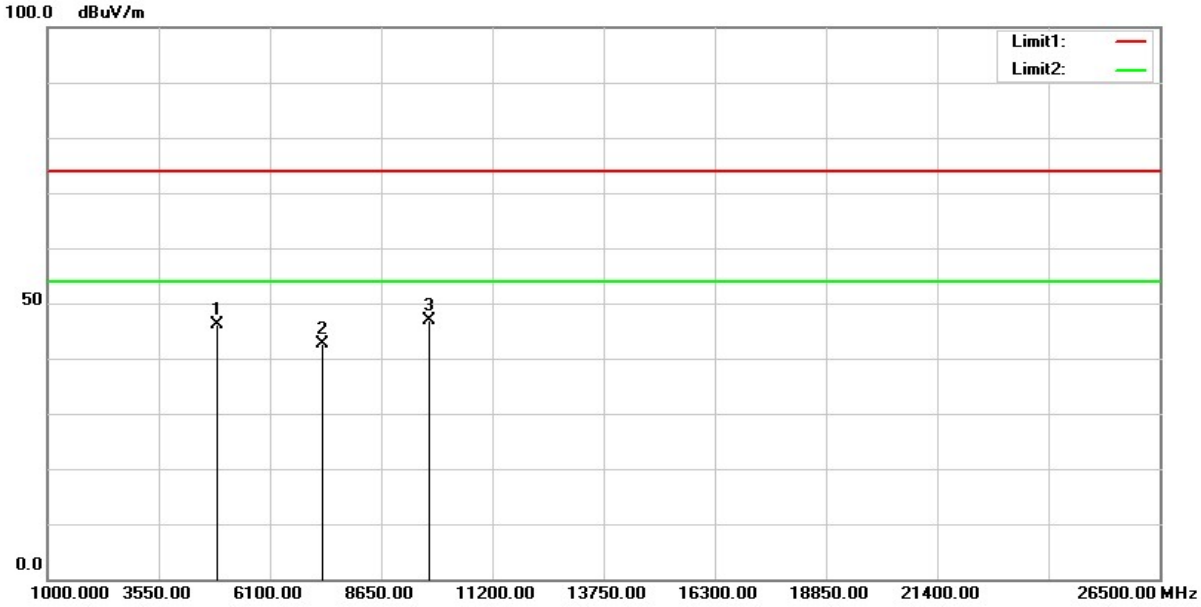


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	52.10	-9.82	42.28	74.00	-31.72	peak
2	7206.000	47.73	-3.68	44.05	74.00	-29.95	peak
3	9608.000	45.88	-0.09	45.79	74.00	-28.21	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-BR(1Mbps)	Test Date :	2019/09/10
Test Channel	CH39 (2441 MHz)	Temperature :	25 ℃
Polarization :	Horizontal	Relative Humidity :	65 %

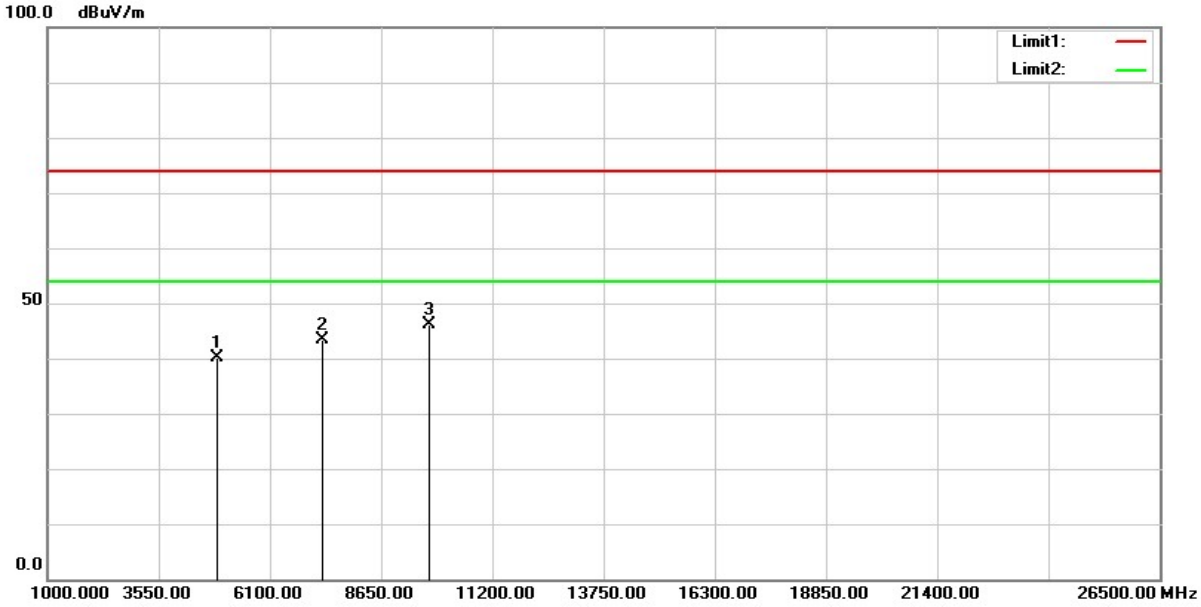


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	56.16	-9.96	46.20	74.00	-27.80	peak
2	7323.000	46.57	-3.85	42.72	74.00	-31.28	peak
3	9764.000	45.96	0.86	46.82	74.00	-27.18	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-BR(1Mbps)	Test Date :	2019/09/10
Test Channel	CH39 (2441 MHz)	Temperature :	25 ℃
Polarization :	Vertical	Relative Humidity :	65 %

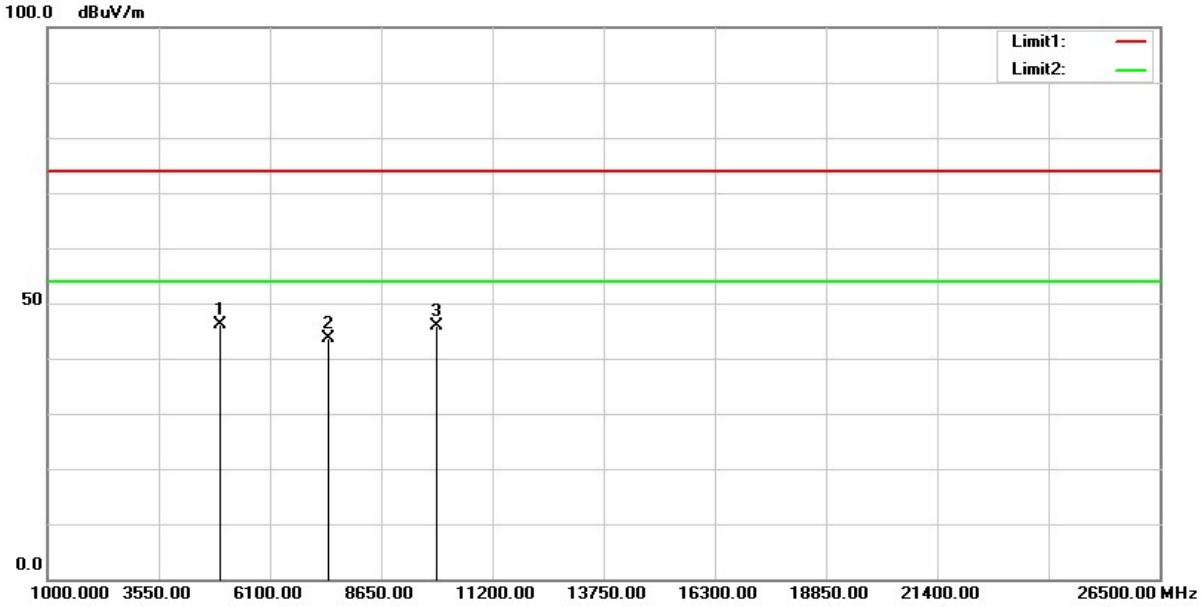


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	50.17	-9.96	40.21	74.00	-33.79	peak
2	7323.000	47.22	-3.85	43.37	74.00	-30.63	peak
3	9764.000	45.39	0.86	46.25	74.00	-27.75	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-BR(1Mbps)	Test Date :	2019/09/10
Test Channel	CH78 (2480 MHz)	Temperature :	25 ℃
Polarization :	Horizontal	Relative Humidity :	65 %

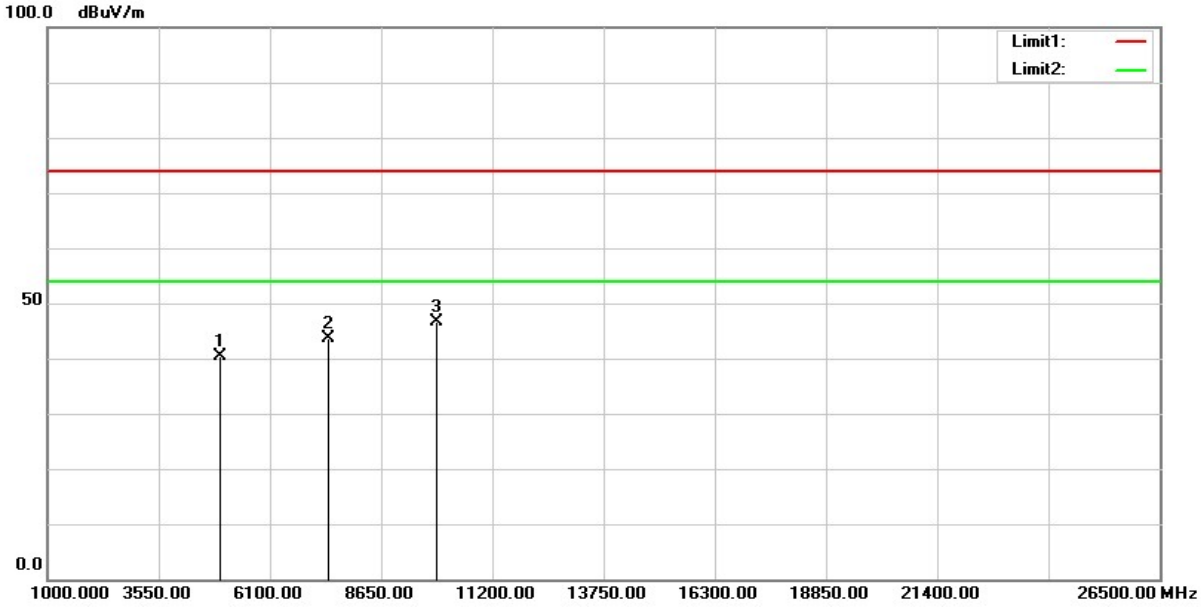


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	55.69	-9.54	46.15	74.00	-27.85	peak
2	7440.000	47.43	-3.81	43.62	74.00	-30.38	peak
3	9920.000	44.42	1.34	45.76	74.00	-28.24	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-BR(1Mbps)	Test Date :	2019/09/10
Test Channel	CH78 (2480 MHz)	Temperature :	25 ℃
Polarization :	Vertical	Relative Humidity :	65 %

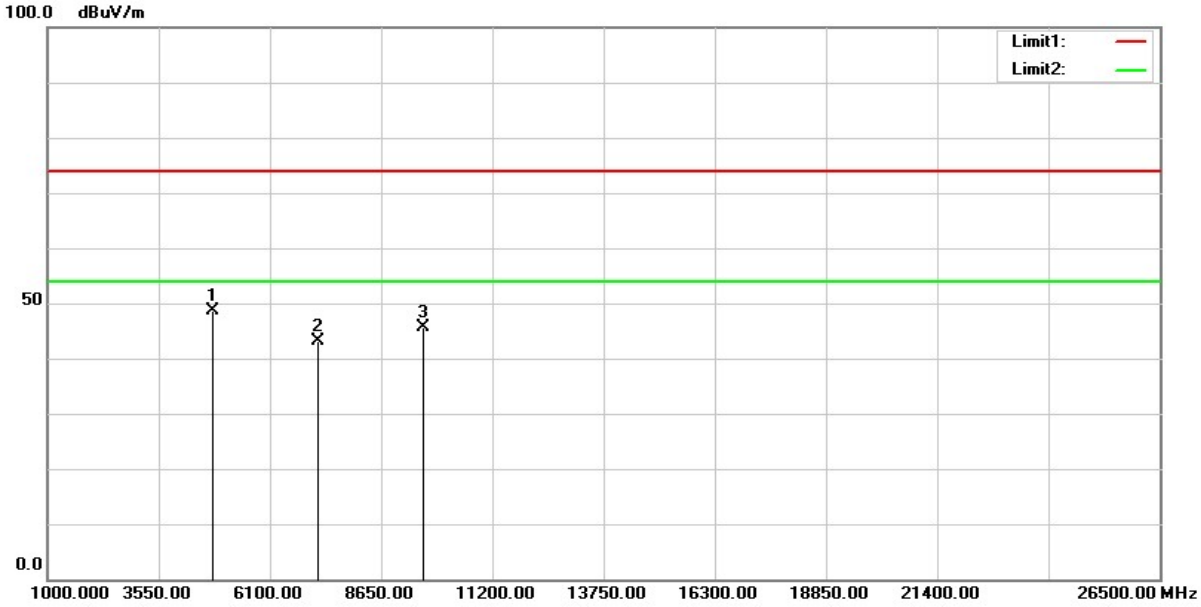


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	49.81	-9.54	40.27	74.00	-33.73	peak
2	7440.000	47.36	-3.81	43.55	74.00	-30.45	peak
3	9920.000	45.20	1.34	46.54	74.00	-27.46	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-EDR(3Mbps)	Test Date :	2019/09/10
Test Channel	CH00 (2402 MHz)	Temperature :	25 ℃
Polarization :	Horizontal	Relative Humidity :	65 %

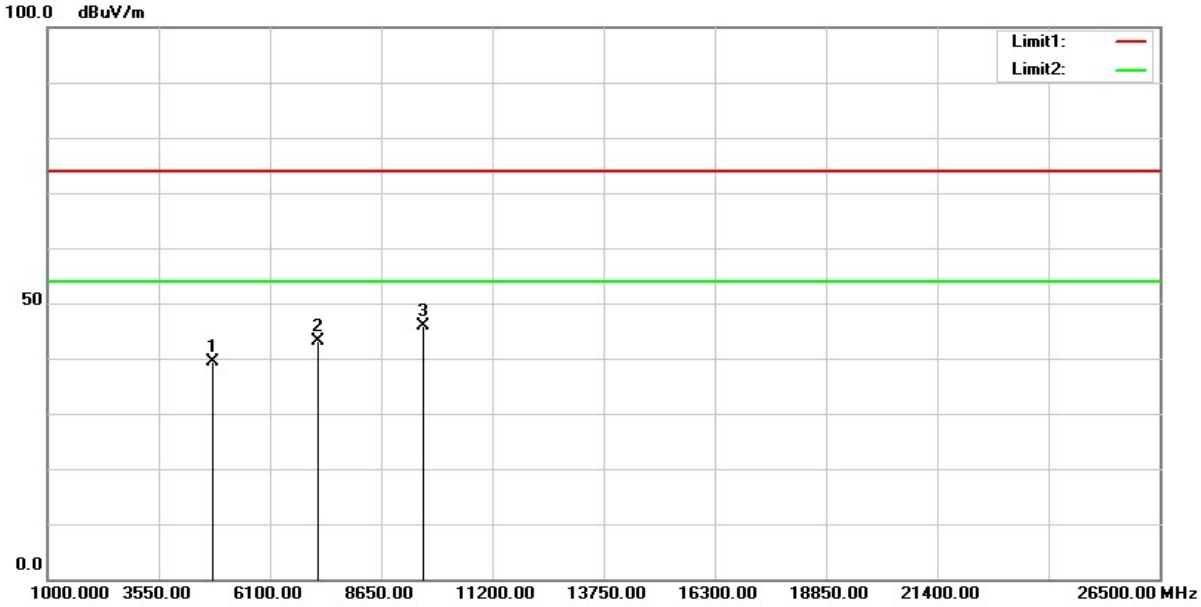


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	58.48	-9.82	48.66	74.00	-25.34	peak
2	7206.000	46.93	-3.68	43.25	74.00	-30.75	peak
3	9608.000	45.64	-0.09	45.55	74.00	-28.45	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-EDR(3Mbps)	Test Date :	2019/09/10
Test Channel	CH00 (2402 MHz)	Temperature :	25 ℃
Polarization :	Vertical	Relative Humidity :	65 %

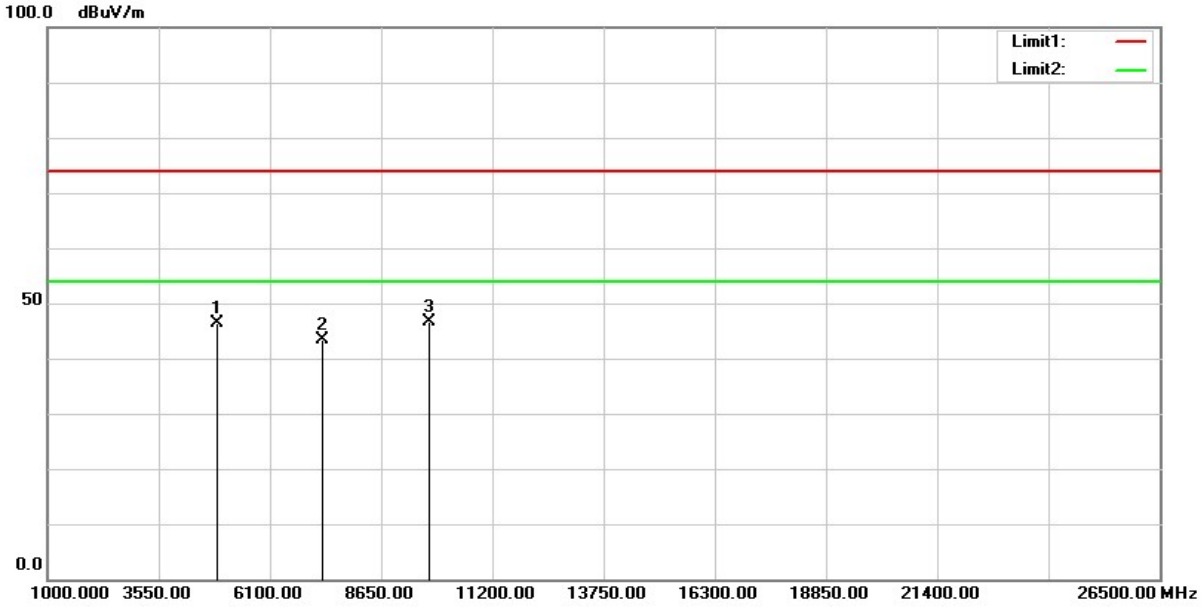


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4804.000	49.14	-9.82	39.32	74.00	-34.68	peak
2	7206.000	46.88	-3.68	43.20	74.00	-30.80	peak
3	9608.000	46.00	-0.09	45.91	74.00	-28.09	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-EDR(3Mbps)	Test Date :	2019/09/10
Test Channel	CH39 (2441 MHz)	Temperature :	25 ℃
Polarization :	Horizontal	Relative Humidity :	65 %

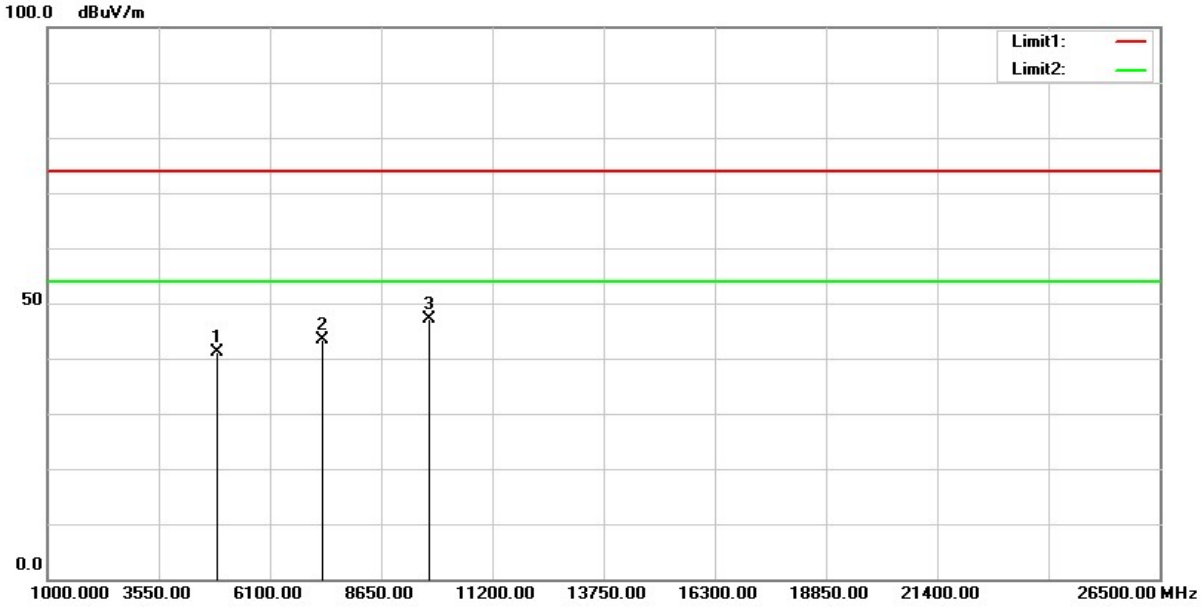


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	56.25	-9.96	46.29	74.00	-27.71	peak
2	7323.000	47.22	-3.85	43.37	74.00	-30.63	peak
3	9764.000	45.88	0.86	46.74	74.00	-27.26	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-EDR(3Mbps)	Test Date :	2019/09/10
Test Channel	CH39 (2441 MHz)	Temperature :	25 ℃
Polarization :	Vertical	Relative Humidity :	65 %

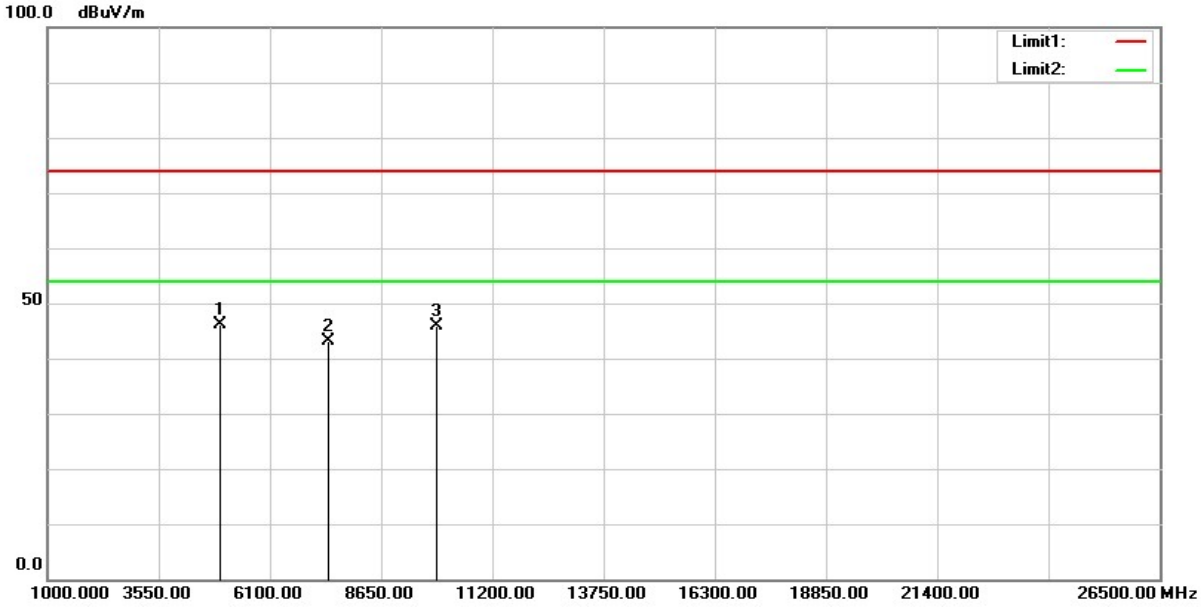


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4882.000	51.03	-9.96	41.07	74.00	-32.93	peak
2	7323.000	47.23	-3.85	43.38	74.00	-30.62	peak
3	9764.000	46.21	0.86	47.07	74.00	-26.93	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-EDR(3Mbps)	Test Date :	2019/09/10
Test Channel	CH78 (2480 MHz)	Temperature :	25 ℃
Polarization :	Horizontal	Relative Humidity :	65 %

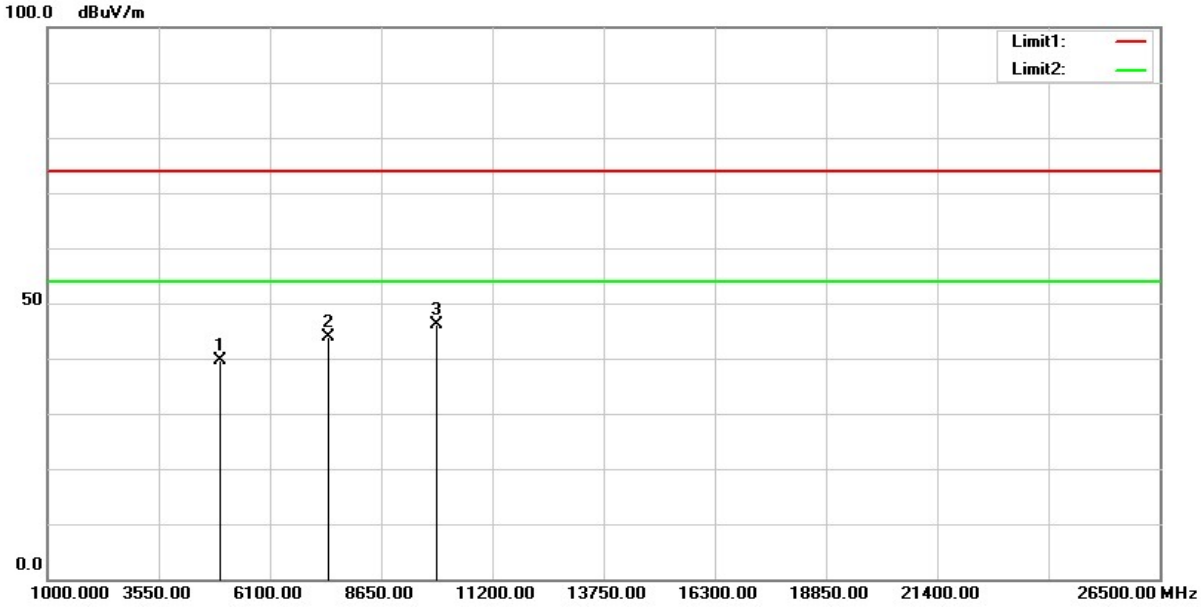


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	55.73	-9.54	46.19	74.00	-27.81	peak
2	7440.000	46.86	-3.81	43.05	74.00	-30.95	peak
3	9920.000	44.59	1.34	45.93	74.00	-28.07	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT-EDR(3Mbps)	Test Date :	2019/09/10
Test Channel	CH78 (2480 MHz)	Temperature :	25 ℃
Polarization :	Vertical	Relative Humidity :	65 %



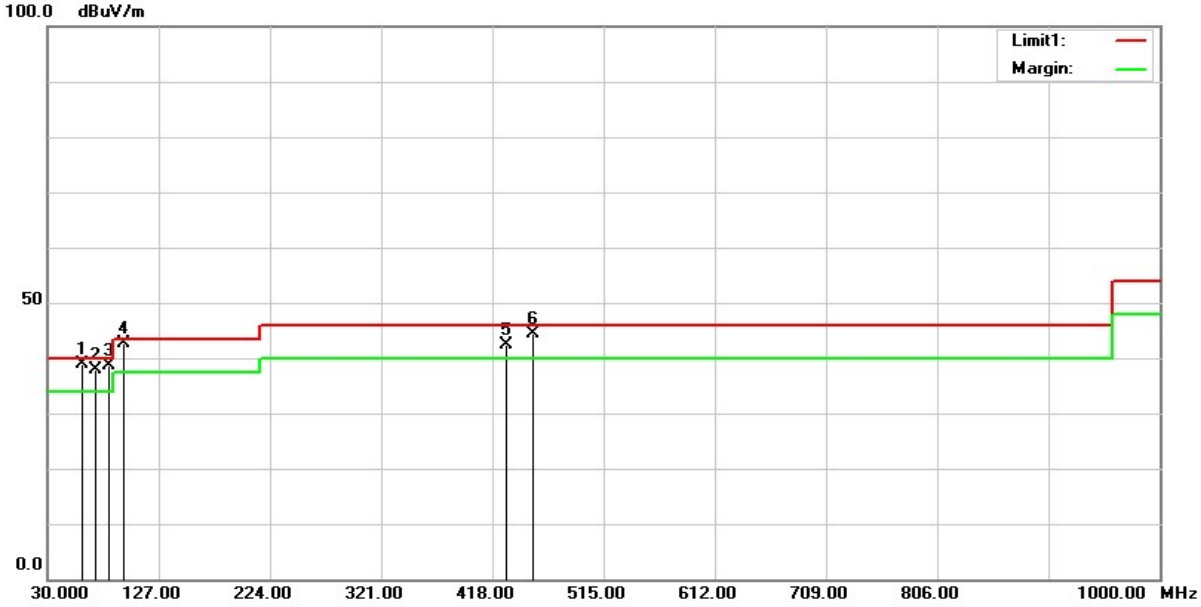
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4960.000	49.29	-9.54	39.75	74.00	-34.25	peak
2	7440.000	47.72	-3.81	43.91	74.00	-30.09	peak
3	9920.000	44.82	1.34	46.16	74.00	-27.84	peak

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Below 1GHz Data

Test Mode :	Transmit BT	Test Date :	2019/09/10
Test Channel	CH39 (2441 MHz)	Temperature :	25 ℃
Polarization :	Horizontal	Relative Humidity :	65 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	60.0700	49.07	-10.15	38.92	40.00	-1.08	QP
2	71.7100	50.32	-12.52	37.80	40.00	-2.20	QP
3	84.3198	54.02	-15.33	38.69	40.00	-1.31	QP
4	95.9600	58.27	-15.54	42.73	43.50	-0.77	QP
5	430.6100	48.21	-5.72	42.49	46.00	-3.51	QP
6	453.8900	49.50	-5.18	44.32	46.00	-1.68	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Transmit BT	Test Date :	2019/09/10
Test Channel	CH39 (2441 MHz)	Temperature :	25 ℃
Polarization :	Vertical	Relative Humidity :	65 %

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	63.9500	45.98	-10.82	35.16	40.00	-4.84	QP
2	113.4200	48.33	-12.83	35.50	43.50	-8.00	QP
3	154.1600	50.29	-9.79	40.50	43.50	-3.00	QP
4	191.9900	48.97	-12.36	36.61	43.50	-6.89	QP
5	271.5300	46.22	-10.00	36.22	46.00	-9.78	QP
6	429.6400	43.95	-5.75	38.20	46.00	-7.80	QP

Remark：

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

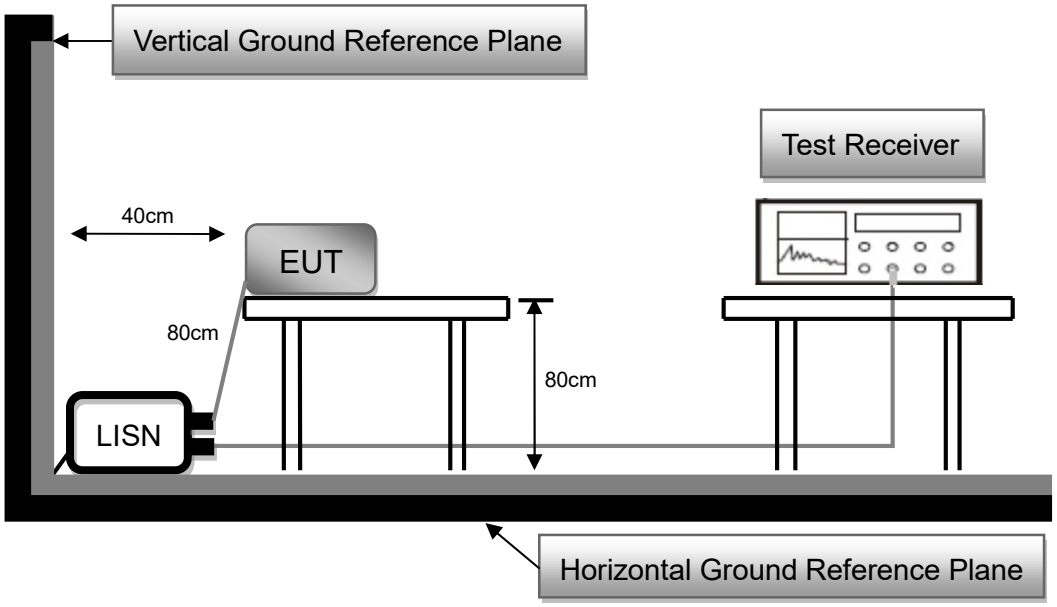
2.9 AC Conducted Emissions Measurement

2.9.1 Limit

Frequency (MHz)	FCC Part 15 Subpart C Paragraph 15.207 (dBμV) Limit	
	Quasi-peak	Average
0.15 to 0.5	66 to 56*	56 to 46*
0.50 to 5.0	56	46
5.0 to 30.0	60	50

*Decreases with the logarithm of the frequency

2.9.2 Test Setup

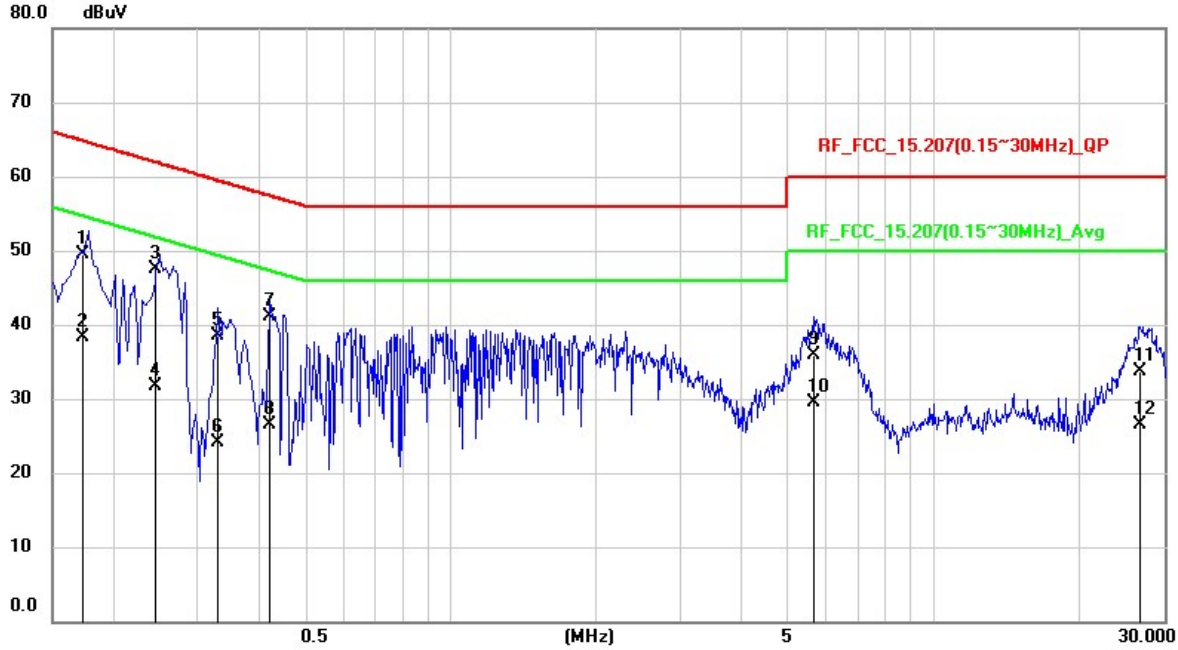


2.9.3 Test Procedure

1. The EUT was placed 0.8 meter height wooden table from the horizontal ground plane with EUT being connected to power source through a line impedance stabilization network (LISN). The LISN at least be 80 cm from nearest chassis of EUT.
2. The line impedance stabilization network (LISN) provides 50 ohm/50uH of coupling impedance for the measuring instrument. All other support equipments powered from additional LISN(s).
3. Interrelating cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle. All I/O cables were positioned to simulate typical usage.
4. All I/O cables that are not connected to a peripheral shall be bundle in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
5. The EMI test receiver connected to LISN powering the EUT. The actual test configuration, please refer to EUT test photos.
6. The receiver scanned from 150kHz to 30MHz for emissions in each of test modes. A scan was taken on both power lines, Line and Neutral, recording at least six highest emissions.
7. The EUT and cable configuration of the above highest emission levels were recorded. The test data of the worst case was recorded.

2.9.4 Test Result

Test Voltage :	120Vac, 60Hz	**Frequency Range:**	0.15-30 MHz
Test Mode :	Normal Link	**6dB Bandwidth :**	9 kHz
Test Date :	2019/09/17	**Phase :**	L
Temperature :	25℃	**Humidity :**	65 %

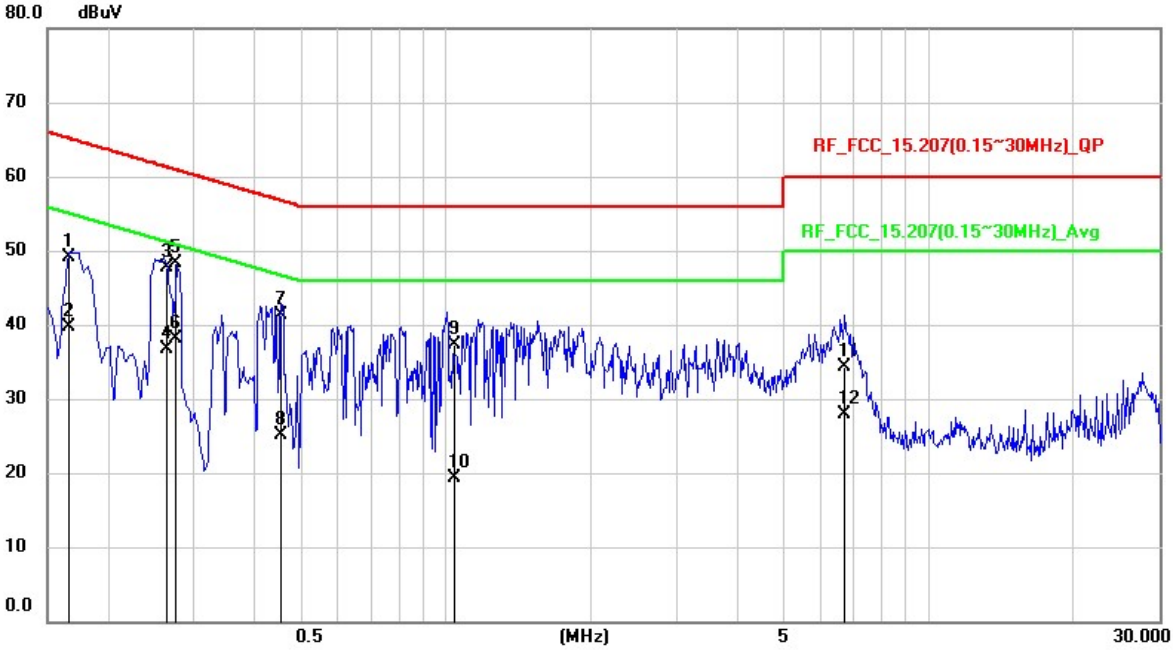


No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1731	39.72	9.81	49.53	64.81	-15.28	QP
2	0.1731	28.53	9.81	38.34	54.81	-16.47	AVG
3	0.2455	37.73	9.81	47.54	61.91	-14.37	QP
4	0.2455	21.86	9.81	31.67	51.91	-20.24	AVG
5	0.3299	28.64	9.81	38.45	59.45	-21	QP
6	0.3299	14.2	9.81	24.01	49.45	-25.44	AVG
7	0.4236	31.28	9.81	41.09	57.38	-16.29	QP
8	0.4236	16.71	9.81	26.52	47.38	-20.86	AVG
9	5.6321	25.85	9.99	35.84	60	-24.16	QP
10	5.6321	19.42	9.99	29.41	50	-20.59	AVG
11	26.8229	23.16	10.47	33.63	60	-26.37	QP
12	26.8229	16.11	10.47	26.58	50	-23.42	AVG

Remark:

1. QP = Quasi Peak, AVG = Average
2. Correction Factor = Insertion loss of LISN + Cable loss
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Result Value – Limit Value

Test Voltage :	120Vac, 60Hz	Frequency Range:	0.15-30 MHz
Test Mode :	Normal Link	6dB Bandwidth :	9 kHz
Test Date :	2019/09/17	Phase :	N
Temperature :	25℃	Humidity :	65 %



No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1667	39.35	9.79	49.14	65.12	-15.98	QP
2	0.1667	29.85	9.79	39.64	55.12	-15.48	AVG
3	0.2652	37.99	9.79	47.78	61.27	-13.49	QP
4	0.2652	26.82	9.79	36.61	51.27	-14.66	AVG
5	0.2754	38.52	9.79	48.31	60.95	-12.64	QP
6	0.2754	28.27	9.79	38.06	50.95	-12.89	AVG
7	0.4571	31.61	9.79	41.4	56.75	-15.35	QP
8	0.4571	15.41	9.79	25.2	46.75	-21.55	AVG
9	1.0416	27.56	9.81	37.37	56	-18.63	QP
10	1.0416	9.47	9.81	19.28	46	-26.72	AVG
11	6.7323	24.39	9.99	34.38	60	-25.62	QP
12	6.7323	17.95	9.99	27.94	50	-22.06	AVG

Remark:

1. QP = Quasi Peak, AVG = Average
2. Correction Factor = Insertion loss of LISN + Cable loss
3. Measurement Value = Reading Level + Correct Factor
4. Margin Level = Result Value – Limit Value

--- END ---